

FORM PTO-1149 LIST OF PATENTS AND OTHER ITEMS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	ATTY. DOCKET NO. 238/105	SERIAL NO. 09/186,341
	APPLICANT: Alan L. Mueller et al.	
	FILING DATE: November 4, 1998	
	GROUP: 1611	

SD-1239J2.1 EXAMINER: 	DATE CONSIDERED: 3/28/05
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Sheet	1	of	1	Application Number	09/825,373
				Filing Date	04/02/2001
				First Named Inventor	ALAN L. MUELLER
				Group Art Unit	1624
				Examiner Name	R. Raymond
				Attorney Docket Number	072827-0336

U.S. PATENT DOCUMENTS

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NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE
ANW	AA	3,258,488	6/28/66	Judd et al.	260	570.8	8/12/63
	AB	3,372,193	3/5/68	Moffet et al.	564	375	
	AC	4,018,895	4/19/77	Molloy et al.	514	649	
	AD	4,070,373	1/1978	Winter et al.	549	354	
	AE	4,313,896	2/2/82	Molloy et al.	562	597	
	AF	5,037,846	8/6/91	Saccomano et al.	514	419	
	AG	5,145,870	9/8/92	Jakobsen et al.	514	524	
	AH	5,185,369	2/9/93	Saccomano et al.	514	502	
	AI	5,310,756	5/10/94	Jakobsen et al.	514	524	
ANW	AJ	5,574,173	11/1996	Ting et al.	549	353	

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
							YES	NO
ANW	AK	1 051 281	25.02.59	DE				
	AL	33 285	05.12.64	DE (Klosa et al.)				
	AM	1 169 944	11.07.67	GB (Jones)				
	AN	1 129 029	02.10.68	GB (Boehringer)				
	AO	1 129 210	02.10.68	GB (Boehringer)				
	AP	1,134,715	27.11.68	GB (Maisey)				
	AQ	1,135,926	11.12.68	GB (Maisey)				
	AR	1 793 735	25.07.73	DE (Winter et al.)				
	AS	17 93 735	26.07.73	DE (Boehringer Mannheim)				
	AT	300,541	25.06.74	Netherlands				
	AU	23 35 943	30.01.75	DE (Boehringer Mannheim)				
	AV	2 277 589	06.02.76	FR (Boehringer)				
	AW	0 005 658	25.04.79	EP (Leconte et al.)				
	AX	0 208 523	14.01.87	EP (Usherwood et al.)				
	AY	0 399 504	23.05.90	EP (Jakobsen et al.)				
	AZ	0 436 332	10.07.91	EP (Saccomano et al.)				
ANW	BA	92/14709	03.09.92	WO/PCT (Goldin et al.)				

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A. L. Mueller

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ALM	BB	93/04036	04.03.93	WO/PCT (Saccomano et al.)				
	BC	93/04041	04.03.93	WO/PCT (Saccomano et al.)				
	BD	93/04373	04.03.93	WO/PCT (Nemeth et al.)				
	BE	4 239 816	01.06.94	DE (Keller et al.)				
	BF	95/15959	15.06.95	WO/PCT (Schering Corp.)				
	BG	95/21612	17.08.95	WO/PCT (NPS)				
	BH	96/05818	29.02.96	WO/PCT (Fuller et al.)				
ALM	BI	96/40097	19.12.96	WO/PCT (Mueller et al.)				
ALM	BJ	97/46511	11.12.97	WO/PCT (Vanwagenen)				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

ALM	BK	Akaike et al., "Spider Toxin Blocks Excitatory Amino Acid Responses in Isolated Hippocampal Pyramidal Neurons," <u>Neuroscience Letters</u> 79:326-330 (1987)
	BL	Anis et al., "Structure-Activity Relationships of Philanthotoxin Analogs and Polyamines on N-Methyl-D-Aspartate and Nicotinic Acetylcholine Receptors," <u>Journal of Pharmacology and Experimental Therapeutics</u> 254:764-773 (1990)
	BM	Artman et al., "Preferential Inhibitory Effects of Arylamine Spider Toxins on NMDA Receptor-Mediated Increases in Cytosolic Calcium," <u>Society for Neuroscience Abstracts</u> 17(Part 1):394 at abstract no. 163.19 (1991)
	BN	Ashe et al., "Argiotoxin-636 Blocks Excitatory Synaptic Transmission in Rat Hippocampal CA1 Pyramidal Neurons," <u>Brain Research</u> 480:234-240 (1989)
	BO	Banciu et al., "Carbonium ion reactions. XII. Acetolysis of 5-(2-bromoethyl)-5H-dibenzo [a,d] cycloheptene and nitrous acid deamination of 5-(2-aminoethyl)-5H-dibenzo [a,d] cycloheptene," <u>Revue Roumaine de Chimie</u> 20(1):121-127 (1975)
	BP	Banciu et al., <u>Chemical Abstracts</u> , Vol. 83 Abstract 146868 (1975)
	BQ	Beckett and Casy, "Configurational Studies in Synthetic Analgesics," <u>Journal of the Chemical Society</u> pp.900-904 (February 1955)
	BR	Blagbrough and Usherwood, "Polyamine amide toxins as pharmacological tools and pharmaceutical agents," <u>Proceedings of the Royal Society of Edinburgh</u> 99B(1-2):67-81 (1992)
	BS	Blagbrough et al., "Arthropod Toxins as Leads for Novel Insecticides: An Assessment of Polyamine Amides as Glutamate Antagonists," <u>Toxicology</u> 30:303-322 (1992)
	BT	Blake et al., "2-Methyl-3,3-Diphenyl-3-Propanolamine (2-MDP) Selectively Antagonises N-Methyl-Aspartate (NMA)," <u>Pharmacology Biochemistry & Behavior</u> 24:23-25 (1986)
	BU	Blaschke et al., "A Single Amino Acid Determines the Subunit-Specific Spider Toxin Block of -Amino-3-Hydroxy-5-Methylisoxazole-4-Propionate/Kainate Receptor Channels," <u>Proc. Natl. Acad. Sci. USA</u> 90:6528-6532 (1993)
ALM	BV	Boehringer et al., <u>Chemical Abstracts</u> , Vol. 70 Abstract 37664 (1969)
ALM	BW	Boehringer Mannheim, <u>Chemical Abstracts</u> , Vol. 86 Abstract 16562 (1977)

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>ALM</i>	BX	Brackley et al., "Selective Antagonism of Native and Cloned Kainate and NMDA Receptors by Polyamine-Containing Toxins," <u>Journal of Pharmacology and Experimental Therapeutics</u> 266:1573-1580 (1993)
	BY	Bruce et al., "Structure-Activity Relationships of Analogues of The WASP Toxin Philanthotoxin: Non-Competitive Antagonists of Quisqualate Receptors," <u>Toxicon</u> 28(11):1333-1346 (1990)
	BZ	Burtsev and Savkov, "Calcium Antagonists (Finoptin and Senzit) in the Treatment of Cerebrovascular Disorders," <u>Klinicheskaiia Meditsina</u> 67(9):51-54 (1989) (abstract from MEDLINE)
	CA	Buschauer et al., "Synthesis and histamine H ₂ agonistic activity of arpromidine analogaues: replacement of the pheniramine-like moiety by non-heterocyclic groups," <u>Eur. J. Med. Chem.</u> 27:321-330 (1992)
	CB	Camps et al., "A New and Efficient One-Pot Preparation of Alkyl Halides From Alcohols," <u>Synthesis Communications</u> pp. 511-512 (May 1987)
	CC	Chemical Abstracts 5:423 (1959)
	CD	Chemical Abstracts 54:24555-24556 (1960)
	CE	Chemical Abstracts 54:424a (1960)
	CF	Chemical Abstracts 66:4375 (1967)
	CG	Chemical Abstracts 67:3059 (1967)
	CH	Chemical Abstracts 69:3322 (1968)
	CI	Chemical Abstracts Service, Registry Handbook, Reg. No. 114272-62-7 through 116231-28-8, 1988 Supplement
	CJ	Cheng and Prusoff, "Relationship Between the Inhibition Constant (K _i) and the Concentration of Inhibitor Which Causes 50 Per Cent Inhibition (I ₅₀) of an Enzymatic Reaction," <u>Biochemical Pharmacology</u> 22:3099-3108 (1973)
	CK	Choi et al., "Glutamate Neurotoxicity in Cortical Cell Culture," <u>J. Neuroscience</u> 7:357-368 (1987)
	CL	Choi et al., "Synthesis and Assay of Hybrid Analogs of Argiotoxin-636 and Philanthotoxin-433: Glutamate Receptor Antagonists," <u>Tetrahedron</u> 49:5777-5790 (1993)
	CM	Choi, "Glutamate Neurotoxicity and Diseases of the Nervous System," <u>Neuron</u> 1:623-634 (1988)
	CN	Collingridge and Davis, "Ch. 9 - NMDA receptors and long-term potentiation in the hippocampus," in <u>The NMDA Receptor</u> , edited by Watkins and Collingridge, IRL Press, p. 123-135 (1989)
	CO	Cramer et al., "Kainic Acid and 4-Aminopyridine Seizure Models in Mice: Evaluation of Efficacy of Anti-Epileptic Agents and Calcium Antagonists," <u>Life Sciences</u> 54:PL271-PL275 (1994)
	CP	Davies et al., "Polyamine Spider Toxins Are Potent Un-competitive Antagonists of Rat Cortex Excitatory Amino Acid Receptors," <u>European Journal of Pharmacology - Molecular Pharmacology Section</u> 227:51-58 (1992)
	CQ	Deneris et al., "Pharmacological and Functional Diversity of Neuronal Nicotinic Acetylcholine Receptors," <u>TiPS</u> 12:34-40 (1991)
	CR	Dickenson, "A Cure for Wind-Up: NMDA Receptor Antagonists as Potential Analgesics," <u>TiPS</u> 11:307-309 (1990)
	CS	Dingledine et al., "Excitatory Amino Acid Receptors in Epilepsy," <u>TiPS</u> 11:334-338 (1990)
<i>ALM</i>	CT	Donevan and Rogawski, "GYKI 52468, a 2,3-Benzodiazepine, is a Highly Selective, Noncompetitive Antagonist of AMPA/Kainate Receptor Responses," <u>Neuron</u> 10:51-59 (1993)

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<i>DW</i>	CU	Donevan et al., "Arcaine Blocks N-Methyl-D-Aspartate Receptor Responses by an Open Channel Mechanism: Whole-Cell and Single-Channel Recording Studies in Cultured Hippocampal Neurons," <i>Molecular Pharmacology</i> 41:727-735 (1992)
	CV	Draguhn et al., "Argiotoxin ₆₃₆ inhibits NMDA-activated ion channels expressed in <i>Xenopus</i> oocytes," <i>Neuroscience Letters</i> 132:187-190 (1991)
	CW	Fingl and Woodbury, "Chapter 1 - General Principles," in <i>The Pharmacological Basis of Therapeutics</i> 5th edition, Goodman and Gilman editors, MacMillan Publishing Co., Inc., New York, pp. 1-46 (1975)
	CX	Fisher and Bogousslavsky, "Evolving Toward Effective Therapy for Acute Ischemic Stroke," <i>JAMA</i> 270:360-364 (1993)
	CY	Foye et al., <i>Principals of Medicinal Chemistry</i> , 4th edition, Lea & Febiger/Williams and Wilkins, Philadelphia, PA, pp. 233, 265, 281-282, 340-341, 418-427 and 430 (1995)
	CZ	Ginsberg and Busto, "Rodent Models of Cerebral Ischemia," <i>Stroke</i> 20:1627-1642 (1989)
	DA	Gisvold and Steen, "Drug Therapy in Brain Ischaemia," <i>Br. J. Anaesth.</i> 57:96-109 (1985)
	DB	Grishin et al., "Isolation and Structure Analysis of Components from Venom of the Spider <i>Argiope Lobata</i> ," <i>Toxicon</i> 27:451-549 (1989)
	DC	Gullak et al., "CNS Binding Sites of the Novel NMDA Antagonist Arg-636," <i>Soc. Neurosci. Abst.</i> 15:1168 at abstract no. 463.23 (1989)
	DD	Hayes et al., "Anticonvulsant Properties of Phencyclidine-Like Drugs in Mice," <i>European Journal of Pharmacology</i> 117:121-125 (1985)
	DE	Heilke and Raines, "Antiextensor Effects of 3,3-Diphenyl-n-Propylamine in the Mouse," <i>European Journal of Pharmacology</i> 48:231-235 (1978)
	DF	Herlitze et al., "Argiotoxin Detects Molecular Differences in AMPA Receptor Channels," <i>Neuron</i> 10:1131-1140 (1993)
	DG	Herold and Yaksh, "Anesthesia and Muscle Relaxation with Intrathecal Injections of AR636 and AG489, Two Acylpolyamine Spider Toxins, in Rat," <i>Anesthesiology</i> 77:507-512 (1992)
	DH	Hill, "A New Mathematical Treatment of Changes of Ionic Concentration in Muscle and Nerve Under the Action of Electric Currents, with a Theory as to Their Mode of Excitation," <i>Journal of Physiology</i> 40:190-224 (1910)
	DI	Honoré et al., "Quinoxalinediones: Potent Competitive Non-NMDA Glutamate Receptor Antagonists," <i>Science</i> 241:701-703 (1988)
	DJ	Hughes, "Merz' Novel Approach to the Treatment of Dementia," Script No. 1666:24-25 (1991)
	DK	Jackson and Parks, "Spider Toxins: Recent Applications in Neurobiology," <i>Ann. Rev. Neurosci.</i> 12:405-414 (1989)
	DL	Jackson and Usherwood, "Spider Toxins as Tools for Dissecting Elements of Excitatory Amino Acid Transmission," <i>TINS</i> 11:278-283 (1988)
	DM	Janssen et al., <i>Synthetic Analgesics: Part I - Dihenylpropylamines</i> , Pergamon Press, pp. 1-109 (1960)
	DN	Jasys et al., "Isolation, Structure Elucidation, and Synthesis of Novel Hydroxylamine-Containing Polyamines From the Venom of the <i>Ageleponpis Aperta</i> Spider," <i>J. Amer. Chem. Soc.</i> 112:6696-6704 (1990)
	DO	Jasys et al., "The Total Synthesis of Argiotoxins 636, 659 and 673," <i>Tetrahedron Letters</i> 29:6223-6226 (1988)
<i>DW</i>	DP	Jones and Lodge, "Comparison of Some Arthropod Toxins and Toxin Fragments as Antagonists of Excitatory Amino Acid-Induced Excitation of Rat Spinal Neurones," <i>European Journal of Pharmacology</i> 204:203-209 (1991)

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<i>ANP</i>	DQ	Jones et al., "Philanthotoxin Blocks Quisqualate-, AMPA- and Kainate-, but not NMDA-, Induced Excitation of Rat Brainstem Neurones <i>in vivo</i> ," <u>Br. J. Pharmacol.</u> 101:968-970 (1990)
	DR	Jones et al., "Substituted 1,1-Diphenyl-3-aminoprop-1-enes and 1,1-Diphenyl-3-aminopropanes as Potential Antidepressant Agents," <u>J. Med. Chem.</u> 14(2):161-164 (1971)
	DS	Kalman et al., "Difenil-propil-amin-szarmazekok," <u>Magyar Kemial Folyirat</u> 78:46-49 (1972)
	DT	Kanai et al., "An Analogue of Joro Spider Toxin Selectively Suppresses Hippocampal Epileptic Discharges Induced by Quisqualate," <u>Brain Research</u> 581:161-164 (1992)
	DU	Karpiak et al., "Animal Models for the Study of Drugs in Ischemic Stroke," <u>Annu. Rev. Pharmacol. Toxicol.</u> 29:403-414 (1989)
	DV	Kawai et al., "Effect of a Spider Toxin on Glutaminergic Synapses in the Mammalian Brain," <u>Biomedical Research</u> 3:353-355 (1982)
	DW	Kawai et al., "Spider Toxin and the Glutamate Receptors," <u>Comp. Biochem. Physiol.</u> 98C:87-95 (1991)
	DX	Kawai, "Neuroactive Toxins of Spider Venoms," <u>J. Toxicol. - Toxin Reviews</u> 10:131-167 (1991)
	DY	Keasling and Moffett, "Central Nervous System Agents. 3. Structure-Activity -- Relationship of a Series of Diphenylaminopropanols," <u>Journal of Medicinal Chemistry</u> 14(11):1106-1111 (1971)
	DZ	Kiskin et al., "A Highly Potent and Selective N-Methyl-D-Aspartate Receptor Antagonist From the Venom of the <i>Agelenopsis Aperta</i> Spider," <u>Neuroscience</u> 51:11-18 (1992)
	EA	Kiskin et al., "Argiopine, Argiopinines and Pseudoargiopinines as Glutamate Receptor Blockers in Hippocampal Neurons," <u>Neurophysiology</u> 21:748-754 (1989) (in Russian)
	EB	Kovacs and Hesse, "Synthetic Analogues of Naturally Occurring Spider Toxins," <u>Helvetica Chimica Acta</u> 75:1909-1924 (1992)
	EC	Kurokawa et al., "Synthesis and Biological Activity of 11-[4-(Cinnamyl)-1-piperaziny]-1-piperaziny]-8,11-dihydrodibenz[b,e]oxepin Derivatives, Potential Agents for the Treatment of Cerebrovascular Disorders," <u>Chem. Pharm. Bull.</u> 39(10):2564-2573 (1991)
	ED	Leszkovszky et al., "The Pharmacology of Diphenylalkyl Derivatives," <u>Acta Physiologica Academiae Scientiarum Hungaricae Tomus</u> 29(3-4):283-298 (1966)
	EE	Marcusson et al., "Inhibition of [³ H]paroxetine binding by various serotonin uptake inhibitors: structure-activity relationships," <u>Europ. J. Pharmacol.</u> 215:191-198 (1992)
	EF	McQuaid et al., "Inhibition of [³ H]-MK801 Binding and Protection Against NMDA-Induced Lethality in Mice by a Series of Imipramine Analogs," <u>Research Communications in Chemical Pathology and Pharmacology</u> 77(2):171-178 (1992)
	EG	Meldrum and Garthwaite, "Excitatory Amino Acid Neurotoxicity and Neurodegenerative Disease," <u>TiPS</u> 11:379-387 (1990)
	EH	Meldrum, "Excitatory Amino Acid Neurotransmission in Epilepsy and Anticonvulsant Therapy," in <u>Excitatory Amino Acids</u> , Meldrum et al. editors, New York, Raven Press, pp. 655-670 (1991)
	EI	Melloni et al., "Potential antidepressant agents. Aryloxy-benzyl derivatives of ethanolamine and morpholine," <u>Eur. J. Med. Chem. - Chim. Ther.</u> 19:235-242 (1984)
	EJ	Merck Index, 11th edition, Merck & Co., Inc., Rahway, New Jersey, page 218 at no. 1433, page 337 at no. 2180, page 623 at no. 3918, page 655 at no. 4112, page 1148 at no. 7198, page 1227 at no. 7744, page 1444 at no. 9098, and page 1597 at no. 10024 (1989)
<i>ANP</i>	EK	Mikio et al., "Synthesis of Analgesics," <u>Chemical Abstracts</u> volume 83, no. 7, August 18, 1975 at abstract no. XP002016632

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Alton Ruyor

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DN	EL	Moffett et al., "Central Nervous System Agents. 1. Synthesis of Diphenyl-tert-aminopropanols," <i>J. Med. Chem.</i> 14(11):1088-1100 (1971)
	EM	Mueller et al., "Arylamine Spider Toxins Antagonize NMDA Receptor-Mediated Synaptic Transmission in Rat Hippocampal Slices," <i>Synapse</i> 9:244-250 (1991)
	EN	Mueller et al., "Effects of Polyamine Spider Toxins on NMDA Receptor-Mediated Transmission in Rat Hippocampus <i>In Vitro</i> ," <i>Soc. Neurosci. Abst.</i> 15:945 at abstract no. 373.10 (1989)
	EO	Nakanishi et al., "Bioorganic Studies of Transmitter Receptors with Philanthotoxin Analogs," <i>Pure & Applied Chemistry</i> vol. 66, #3 (March 1994)
	EP	Nakanishi, "Molecular Diversity of Glutamate Receptors and Implications for Brain Function," <i>Science</i> 258:597-603 (1992)
	EQ	Nason et al., "Synthesis of Neurotoxic Nephila Spider Venoms: NSTX-3 and JSTX-3," <i>Tetrahedron Letters</i> 30:2337-2340 (1989)
	ER	Nemeth et al., "Arylamines Derived From Spider Venom Are Potent and Selective NMDA Receptor Antagonists in The Mammalian CNS," in <i>Neuroreceptors, Ion Channels and the Brain</i> , Kawai et al., editors, pp. 21-28 (1992)
	ES	Olney et al., "Pathological Changes Induced in Cerebrocortical Neurons by Phencyclidine and Related Drugs," <i>Science</i> 244:1360-1362 (1989)
	ET	Palmer et al., "Anticonvulsant Properties of Calcium Channel Blockers in Mice: N-Methyl-D-, L-Aspartate- and Bay K 8644-Induced Convulsions are Potentially Blocked by the Dihydropyridines," <i>Epilepsia</i> 34:372-380 (1993)
	EU	Parks et al., "Arylamine Toxins From Funnel-Web Spider (<i>Agelenopsis aperta</i>) Venom Antagonize N-Methyl-D-aspartate Receptor Function in Mammalian Brain," <i>J. Biol. Chem.</i> 266:21523-21529 (1991)
	EV	Parks et al., "Polyamine Spider Toxins Block NMDA Receptor- Mediated Increases in Cytosolic Calcium in Cerebellar Granule Neurons," <i>Soc. Neurosci. Abst.</i> 15:1169 at abstract no. 463.25 (1989)
	EW	Paul et al., "Adaptation of the N-Methyl-D-Aspartate Receptor Complex Following Chronic Antidepressant Treatments," <i>J. Pharmacology and Experimental Therapeutics</i> 269:95-102 (1994)
	EX	Peterson, "Studies on a New Spasmolytic Compound 1,1-diphenyl-3-dimethylaminobutene-1 (A29) related to Methadon, and on the Combined Use of this Compound and a Potent Analgesic Ketobemidone," <i>Acta Pharmacol. et toxicol.</i> 7:51-64 (1951)
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Alan L. Mueller et al.FILING DATE:
November 4, 1998GROUP:
1621

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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	FV	Snyder, "Neurotransmitter Receptor Binding and Drug Discovery," <u>J. Med. Chem.</u> 26:1667-1672 (1983)
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09/186,341APPLICANT:
Alan L. Mueller et al.FILING DATE:
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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	GA	Titeler, <u>Multiple Dopamine Receptors: Receptor Binding Studies in Dopamine Pharmacology, Volume 1</u> , Marcel Dekker, Inc., New York, pp. 1-173 (1983)
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	GK	Williams et al., "Characterization of Polyamines Having Agonist, Antagonist, and Inverse Agonist Effects at the Polyamine Recognition Site of the NMDA Receptor," <u>Neuron</u> 5:199-208 (1990)
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